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APR 29 1980

GROUP 110

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

KEITH CHADWICK MURDOCK and
FREDERICK EMIL DURR

Serial No.: 63,285

Group: 117

Filed: August 2, 1979

April 11, 1980

1,4-BIS(SUBSTITUTED-AMINO)-5,8-
-DIHYDROXY-ANTHRAQUINONES AND
LEUCO BASE THEREOFTo the Commissioner of Patents
and Trademarks
Washington, D.C. 20231

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MAY 2 1980

GROUP 120

PRELIMINARY AMENDMENT

S I R :

Preliminary to the first Office Action in this application, please amend as follows.

IN THE CLAIMS:

Cancel Claims 43, 44, 47, 48, 49 and 50.

Add the following Claims:

51. A method of inducing regression and/or palliation of cancer diseases in a mammal comprising administering orally or parenterally to said mammal an effective amount of a compound selected from the group consisting of 1,4-bis[(2-aminoethyl)amino]-5,8-dihydroxyanthraquinone, 1,4-bis[2-(methylamino)ethylamino]-5,8-dihydroxyanthraquinone, 1,4-bis[2-(1,3-oxazolidin-1-yl)ethylamino]-5,8-dihydroxyanthraquinone, 1,4-bis[2-(tetrahydro-1,3-oxazin-1-yl)ethylamino]-5,8-dihydroxyanthraquinone, 1,4-bis[2-(1,3-oxazolidin-2-one-1-yl)ethylamino]-5,8-dihydroxyanthraquinone, 1,4-bis[2-(tetrahydro-1,3-oxazin-2-one-1-yl)ethylamino]-5,8-dihydroxyanthraquinone, the leuco bases thereof, the tautomers thereof and the pharmaceutically acceptable acid-addition salts thereof.